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Our File No. 9281-4708  
Client Reference No. S US02242

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Talguk Kim et al. )  
Serial No. To Be Assigned )  
Filing Date: Herewith )  
For: Circuit Connection Restoration Method )  
And Program For Restoring Connection )  
In Short Time )

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicants hereby submit reference A1 listed on the attached form PTO-1449 for consideration by the Examiner. A copy of the reference is enclosed herewith.

Japanese Unexamined Patent Application Publication No. 2001-092738 discloses a system configuration and a program for restoring a line to a normal state in a short time when a failure occurs in the line.

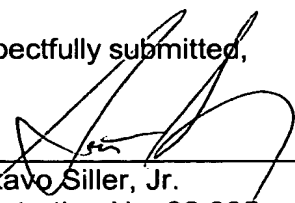
The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicants reserve the right to contest this reference as prior art against the present application, and Applicants do not believe that the disclosure of this reference, even if finally determined to be prior art, anticipates Applicants' invention or that this reference makes Applicants' invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary

for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicants respectfully request that the Examiner review the entire disclosure of this document and make it of record.

Respectfully submitted,



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Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicants  
Customer Number 00757

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b> (use several sheets if necessary)	SERIAL NO.	CASE NO.
	To be Assigned	9281-4708
	FILING DATE	GROUP ART UNIT
Herewith.		
APPLICANT(S): Talguk Kim et al.		

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	A1	2001-092738	06/2001	JP		X	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)					

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
 Rev. Oct. 97